

### AMENDMENTS TO THE CLAIMS

Applicant submits below a complete listing of the current claims, including marked-up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing. This listing of claims replaces all prior versions, and listings, of claims in the application:

#### Listing of the Claims

1. (Currently amended) Communication process, comprising the following steps:
  - ~~supply of equipment~~ a cell phone fitted with a body, a removable battery, at least one antenna, and at least two pins connected to the antenna;
  - supply of a smart card with a chip supplied with:
  - at least two surface pins;
  - a processing module;
  - a radio-frequency interface associated with the processing module and connected to the surface pins of the card, the surface pins of the card being coupled to the pins of the ~~equipment~~ cell phone;
  - transmission of electrical signals between the surface pins of the card and the antenna,

wherein

  - the antenna is fixed to the removable battery and external to the smart card.
2. (Previously Presented) Process according to claim 1, wherein the supplied chip is in the format given in ISO standard 7816-2 and wherein the surface pins of the card are pins C4 and C8.
- 3-6. (Canceled)
7. (Currently Amended) ~~Equipment-A cell phone with a body, a removable battery,~~ an antenna, and a coupling interface coupleable to a smart card, wherein:

- the coupling interface has two pins coupleable to surface pins of a smart card; and
- the pins of the ~~equipment~~ cell phone are connected to the antenna; and
- ~~the antenna is fixed to the removable battery.~~

8. (Currently amended) ~~Equipment~~ The cell phone according to claim 7, wherein:

- the pins on the equipment can be coupled to pins C4 and C8 of a smart card in the ISO standard 7816-2 format.

9-10. (Canceled)

11. (Currently Amended) ~~Equipment~~ The cell phone according to claim ~~9~~ 7, wherein:

- the cell phone ~~has a body and a removable battery; and~~
- ~~the antenna is fixed to the body~~ is a PDA.

12-15. (Canceled)

16. (Currently Amended) ~~Equipment~~ A cell phone according to claim 7, wherein the antenna is active.

17. (Currently amended) A communications process comprising:

providing ~~equipment~~ a cell phone having an antenna adapted to transmit and/or receive signals for use by the ~~equipment~~ cell phone, and a removable battery, the antenna being fixed to the removable battery;

providing a smart card having a chip, a contact, a processing module and a radio-frequency interface associated with the processing module and connected to the contact, with the contact being connected to the antenna; and

transmitting electrical signals between the card and the antenna via the contact.

18. (Previously presented) The process of claim 17, further comprising:

providing the smart card with at least two unused surface contacts; and

transmitting electrical signals between the at least two unused surface contacts and the antenna.

19. (Previously presented) The process of claim 18, wherein providing the smart card with the at least two unused surface contacts comprises providing the smart card in ISO standard 7816 format and providing the contacts as contacts C4 and C8 as defined by ISO standard 7816.

20. (Currently amended) A communication system comprising:  
a smart card having a radio-frequency interface; and  
~~external equipment~~ a cell phone communicating with the smart card, the ~~equipment~~ cell phone having an antenna adapted to transmit and/or receive signals for use by the ~~external equipment~~ cell phone, the radio-frequency interface of the smart card connected to the antenna of the ~~equipment~~ cell phone wherein signals from the radio-frequency interface are transmitted to the antenna of the ~~external equipment~~ cell phone to increase a communication range of the smart card; and  
a removable battery, the antenna being fixed to the removable battery.

21. (Previously presented) The system of claim 20, further comprising at least two unused surface contacts, wherein the radio-frequency interface of the smart card is connected to the antenna via the at least two unused surface contacts.

22. (Previously presented) The system of claim 21, wherein the smart card is in ISO standard 7816 format and wherein the contacts are C4 and C8 as defined by ISO standard 7816.

23. (Canceled)

24. (Currently amended) The system of claim 23, wherein ~~the electronic device~~ cell phone ~~is one of a cell phone and a PDA.~~

25-27. (Canceled)

### **REMARKS**

In response to the Office Action mailed September 10, 2007, Applicant respectfully requests reconsideration. Claims 1-27 were previously pending in this application. By this amendment, Applicant is canceling claims 3-6, 9-10, 12-15, 23, and 25-27 without prejudice or disclaimer. Claims 1, 7-8, 11, 16-17, and 20 have been amended. As a result, claims 1-2, 7-8, 11, 16-22, and 24 are pending for examination with claims 1, 7, 17, and 20 being independent claims. No new matter has been added.

#### **Rejections Under 35 U.S.C. §102**

Claims 3 and 17 stand rejected under 35 U.S.C. 102(b) as being anticipated by Ito, US 2001/0006902. In particular, the Examiner states that Ito discloses a smart card with two surface pins, a processing module, a radio-frequency interface associated with the processing module, and an antenna.

Applicant has canceled claim 3 and amended claim 17 to recite providing a cell phone having an antenna adapted to transmit and/or receive signals for use by the cell phone, and a removable battery, the antenna being fixed to the removable battery. In this regard, Ito fails to teach a *cell phone*, an antenna that transmits and/or receives signals for use by the cell phone, and a removable battery, with the antenna being attached to the removable battery. In fact, there is no description given in Ito for use of a cell phone. As a result, claim 17 should be in condition for allowance

Accordingly, withdrawal of this rejection is respectfully requested.

#### **Rejections Under 35 U.S.C. §103**

Claims 1, 7, 16, 20, 18, and 21 are rejected under 35 U.S.C. §103(a) as being unpatentable over Ito in view of Launay. Applicant has amended independent claims 1, 7, 17, and 21 to include a removable battery with an antenna attached to the removable battery, which was the subject matter of claims 10 and 26. However, claims 10 and 26 stand rejected under 35 U.S.C. §103(a) as being unpatentable over Ito in view of well-known prior art (MPEP 2144.03). In particular, the Examiner states that an official notice is taken that the concept and use of a smart card with a cell having a removable battery with the antenna either fixed to the body or to the